```
Set     Items   Description
S1     164893   (DIGITAL OR OPTICAL)(N)(DISC? ? OR DISK?) OR CD OR CDROM OR
            CDS OR DVD?
S2    3624653   REGION? OR AREA? ? OR SECTION? OR SECTOR OR TRACK?
S3     173079   S2(3N)(THIRD OR 3RD OR 3 OR THREE OR TRIPLE? OR TRIAD)
S4     868110   FLAG OR TAG OR FLAGS OR ID OR IDENTIFIER? OR SETTING? OR I-
           NDICATOR?
S5    3473474   PROTECT? OR INHIBIT? OR UNREAD? OR ENCRYPT? OR BLOCKED OR -
           PREVENT? OR WITHHELD?
S6     113120   S2(2N)(MULTIPL? OR PLURAL? OR SEVERAL? OR ADDITIONAL? OR M-
           ANY OR DIFFERENT? OR VARIOUS?)
S7      50340   S1 AND (S2 OR S6)
S8        152   S3 AND S4 AND S7
S9          7   S8 AND IC=(G06F-012? OR G06F-011? OR H04L-009?)
S10        15   S8 AND IC=(G06F? OR H04L?)
S11        26   S1(10N)S2(10N)S3(10N)S4
S12         1   S11 AND IC=(G06F? OR H04L?)
S13        15   S10 OR S12
S14        15   IDPAT (sorted in duplicate/non-duplicate order)
S15        15   IDPAT (primary/non-duplicate records only)
S16       344   S1 AND (S3 OR S6) AND S4
S17        44   S16 AND IC=(G06F? OR H04L?)
S18        28   S17 NOT AD=19980922:20010922
S19        25   S18 NOT AD=20010922:20040929
S20        16   S19 NOT S15
File 347:JAPIO Nov 1976-2004/May(Updated 040903)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200462
        (c) 2004  Thomson Derwent
```

20/5/10 **(Item 10 from file: 347)**
DIALOG(R)File 347:JAPIO

02538566 **Image available**
OPTICAL DISK DEVICE

PUB. NO.: 63-155466 [JP 63155466 A]
PUBLISHED: June 28, 1988 (19880628)
INVENTOR(s): YAMAGUCHI SEIICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-302901 [JP 86302901]
FILED: December 19, 1986 (19861219)
INTL CLASS: [4] G11B-020/10; **G06F-003/06**
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R002 (LASERS); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 783, Vol. 12, No. 422, Pg. 14, November 09, 1988 (19881109)

ABSTRACT

PURPOSE: To obtain an **optical disk** device having high reliability without executing write of a short failure **flag** to a defective sector, by providing an **optical disk** medium having a defective list area on the head of each of **plural** divided recording **areas** on the recording surface, and recording and reproducing the information onto and from the **optical disk** medium by referring to a recorded defective list.

CONSTITUTION: The titled device is constituted of an **optical disk** medium having **plural** divided **areas** on the recording surface and having a defective list area on the head of each recording area, a medium defect detecting device 13, a defective list recorder 14 for storing a detected defective list, and a data processor for recording and reproducing the information onto and from the **optical disk** medium by referring to the defective list recorded in the defective list recorder 14. In such a way, by detecting automatically a defect of the medium at a free time of the device, making a defective list in the recording area, and writing it in the defective list area on the optical list area, the list is read at the time of installing the medium, and an efficient processing can be executed without executing an access to a failure sector.

20/5/13 **(Item 13 from file: 347)**
DIALOG(R)File 347:JAPIO

02362569 **Image available**

IMAGE INFORMATION STORING AND RETRIEVING METHOD

PUB. NO.: 62-279469 [JP 62279469 A]
PUBLISHED: December 04, 1987 (19871204)
INVENTOR(s): KITAJIMA IKUO
OZAKI MINORU
YAMAMOTO MITSURU
YAMAZAKI GIICHI
APPLICANT(s): MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-122525 [JP 86122525]
FILED: May 28, 1986 (19860528)
INTL CLASS: [4] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 704, Vol. 12, No. 166, Pg. 83, May 19, 1988 (19880519)

ABSTRACT

PURPOSE: To quickly store a document image, and also, to store retrieval information after the image has been stored, by providing in advance an image information storage area, a management information storage area, and a retrieval information storage area, in a storage medium.

CONSTITUTION: Information stored in an **optical disk** is divided roughly into two of image information and management information. Also, the management information is divided into discrimination **ID** information being information peculiar to one piece of **optical disk** , **optical disk** management information consisting of defined information of a storage **area** of **various** management information, document management information consisting of information, etc. for indicating a position in a storage area of the image information to one document consisting of the image information of an original one page portion or more, and retrieval information to be added afterwards to a registered document, etc. In this way, a document image can be stored quickly, and also, the retrieval information can be stored after having stored an image.

```
Set     Items   Description
S1     164893   (DIGITAL OR OPTICAL)(N)(DISC? ? OR DISK?) OR CD OR CDROM OR
            CDS OR DVD?
S2    3624653   REGION? OR AREA? ? OR SECTION? OR SECTOR OR TRACK?
S3     173079   S2(3N)(THIRD OR 3RD OR 3 OR THREE OR TRIPLE? OR TRIAD)
S4     868110   FLAG OR TAG OR FLAGS OR ID OR IDENTIFIER? OR SETTING? OR I-
           NDICATOR?
S5    3473474   PROTECT? OR INHIBIT? OR UNREAD? OR ENCRYPT? OR BLOCKED OR -
           PREVENT? OR WITHHELD?
S6     113120   S2(2N)(MULTIPL? OR PLURAL? OR SEVERAL? OR ADDITIONAL? OR M-
           ANY OR DIFFERENT? OR VARIOUS?)
S7      50340   S1 AND (S2 OR S6)
S8        152   S3 AND S4 AND S7
S9          7   S8 AND IC=(G06F-012? OR G06F-011? OR H04L-009?)
S10        15   S8 AND IC=(G06F? OR H04L?)
S11        26   S1(10N)S2(10N)S3(10N)S4
S12         1   S11 AND IC=(G06F? OR H04L?)
S13        15   S10 OR S12
S14        15   IDPAT (sorted in duplicate/non-duplicate order)
S15        15   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2004/May(Updated 040903)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200462
        (c) 2004  Thomson Derwent
```

15/5/3 **(Item 3 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

015073831 **Image available**
WPI Acc No: 2003-134349/200313
XRPX Acc No: N03-107041

Data management method for providing multimedia services through internet, involves managing reproduction and copying of data recorded in recording area of optical disk using ID , encryption key and address information

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2002367281	A	20021220	JP 2001177311	A	20010612	200313	B

Priority Applications (No Type Date): JP 2001177311 A 20010612
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002367281	A		16	G11B-020/10	

Abstract (Basic): JP 2002367281 A

NOVELTY - The audio, video and program data that are received from a content provider through internet, are recorded in the recording **area** (2) of an **optical disk** (1). The management of reproduction and copying of data recorded in the recording **area** , is performed using the **ID** , encryption key and address information (21,23) that are reproduced from a burst cutting **area** (BCA) (**3**) of the disk.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Data storage medium;
(2) Data reproducing apparatus; and
(3) Multimedia content utilization fee charging method.

USE - For managing data such as movie and music data that are received from content provider through internet and recorded in **optical disks** such as **CD** , **CD** -ROM and **DVD** -ROM for providing multimedia services.

ADVANTAGE - Enables data management to be performed efficiently and inexpensively based on the information regenerated from the BCA.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the information management system. (Drawing includes non-English language text).

Optical disk (1)
Recording **area** (2)
BCA (3)
Address information (21,23)
pp; 16 DwgNo 1/5

Title Terms: DATA; MANAGEMENT; METHOD; SERVICE; THROUGH; MANAGE; REPRODUCE; COPY; DATA; RECORD; RECORD; **AREA** ; OPTICAL; DISC; **ID** ; ENCRYPTION; KEY; ADDRESS; INFORMATION
Derwent Class: T01; T03; W01; W02; W04
International Patent Class (Main): G11B-020/10
International Patent Class (Additional): **G06F-012/14** ; G11B-027/00; **H04L-009/32** ; H04N-005/93; H04N-007/173
File Segment: EPI

15/5/6 **(Item 6 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

012965439 **Image available**
WPI Acc No: 2000-137290/200012
XRPX Acc No: N00-102608
Recordable optical disc **structure e.g.** DVD **-RAM**
Patent Assignee: TOSHIBA KK (TOKE); TOSHIBA AVE KK (TOSA); TOSHIBA COMMUNICATION TECHNOLOGY (TOSH-N); ANDO H (ANDO-I); ITO Y (ITOY-I); KIKUCHI S (KIKU-I); MIMURA H (MIMU-I); TAIRA K (TAIR-I)
Inventor: ANDO H; ITO Y; KIKUCHI S; MIMURA H; TAIRA K
Number of Countries: 022 Number of Patents: 024
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200002195	A2	20000113	WO 99JP3668	A	19990707	200012	B
JP 2000030414	A	20000128	JP 98192064	A	19980707	200017	
EP 1145230	A2	20011017	EP 99929733	A	19990707	200169	
			WO 99JP3668	A	19990707		
KR 2001053035	A	20010625	KR 2000714455	A	20001219	200173	
JP 3356691	B2	20021216	JP 98192064	A	19980707	200302	
CN 1376297	A	20021023	CN 99806945	A	19990707	200313	
JP 2002367344	A	20021220	JP 98192064	A	19980707	200313	
			JP 200287034	A	19980707		
US 6580872	B1	20030617	WO 99JP3668	A	19990707	200341	
			US 2000623460	A	20000912		
KR 381290	B	20030426	WO 99JP3668	A	19990707	200355	
			KR 2000714455	A	20001219		
US 20030180031	A1	20030925	WO 99JP3668	A	19990707	200364	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
US 20040177386	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800655	A	20040316		
US 20040175124	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800644	A	20040316		
US 20040175125	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800654	A	20040316		
US 20040175126	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800661	A	20040316		
US 20040175127	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800686	A	20040316		
US 20040175128	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800689	A	20040316		
US 20040175129	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800690	A	20040316		
US 20040175130	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800760	A	20040316		
US 20040175131	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800761	A	20040316		
US 20040175132	A1	20040909	WO 99JP3668	A	19990707	200459	

				US 2000623460	A	20000912	
				US 2003417214	A	20030417	
				US 2004800762	A	20040316	
US 20040175134	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800851	A	20040316		
US 20040175135	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800852	A	20040316		
US 20040175136	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800853	A	20040316		
US 20040175137	A1	20040909	WO 99JP3668	A	19990707	200459	
			US 2000623460	A	20000912		
			US 2003417214	A	20030417		
			US 2004800855	A	20040316		

Priority Applications (No Type Date): JP 98192064 A 19980707; JP 200287034 A 19980707

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200002195	A2	E	153	G11B-007/00	
Designated States (National): CN KR US					
Designated States (Regional): DE FR GB					
JP 2000030414	A		26	G11B-027/034	
EP 1145230	A2	E		G11B-007/00	Based on patent WO 200002195
Designated States (Regional): BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
KR 2001053035	A			G11B-020/04	
JP 3356691	B2		25	G11B-027/034	Previous Publ. patent JP 2000030414
CN 1376297	A			G11B-027/036	
JP 2002367344	A		26	G11B-027/00	Div ex application JP 98192064
US 6580872	B1			H04N-005/91	Based on patent WO 200002195
KR 381290	B			G11B-020/04	Previous Publ. patent KR 2001053035
					Based on patent WO 200002195
US 20030180031	A1			H04N-005/91	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex patent US 6580872
US 20040177386	A1			H04N-007/173	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175124	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175125	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175126	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175127	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175128	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214
					Div ex patent US 6580872
US 20040175129	A1			H04N-005/781	Div ex application WO 99JP3668
					Div ex application US 2000623460
					Div ex application US 2003417214

		Div ex patent US 6580872
US 20040175130 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175131 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175132 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175134 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175135 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175136 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872
US 20040175137 A1	H04N-005/781	Div ex application WO 99JP3668 Div ex application US 2000623460 Div ex application US 2003417214 Div ex patent US 6580872

Abstract (Basic): WO 200002195 A2

NOVELTY - The data **area** of **DVD** -RAM stores file data containing information in cells (**3** ,4) and management **area** for managing information of data **area** . The storage field stores an erasion level **flag** cells (3,4) which sets predetermined cells (3,4) in temporarily erased state. The pair of storage fields contains required information for recovering cells from the erased state.

DETAILED DESCRIPTION - The management **area** storing navigation data includes that trash box information containing trash box **flag** which pertains to recording contents of storage fields and determines whether specific cell is in temporarily erased state based on **flags** . One storage field stores erasion level **flag** whereas another storage field has storing information of recording field so as to which cells erasion level **flag** belongs. The erasion level of appending range of file is set. The current cell is set into divided cells when **setting** range does not agree with cell unit. The playback information of each current cells and divided cell is re-created and erasion level information is appended to playback management information of divided cell belonging to appending range.

USE - For use in home digital video system.

ADVANTAGE - The digital video system has easy and flexible editing system also performing efficient data management. The management **area** includes storage field for storing erasion level **flag** which sets up cells in a temporarily erased state and is also converted into the state before erasion for storing.

DESCRIPTION OF DRAWING(S) - The figure shows the view of cell division.

Cells **setting** erasion level **flag** (3,4)

pp; 153 DwgNo 39/50

Title Terms: RECORD; OPTICAL; DISC; STRUCTURE; RAM

Derwent Class: W04

International Patent Class (Main): G11B-007/00; G11B-020/04; G11B-027/00; G11B-027/034; G11B-027/036; H04N-005/781; H04N-005/91; H04N-007/173

International Patent Class (Additional): **G06F-003/00** ; **G06F-013/00** ; G11B-007/24; G11B-019/02; G11B-020/10; G11B-020/12; G11B-027/10; G11B-027/32; G11B-027/34; G11B-027/36; H04N-005/445; H04N-005/85; H04N-005/92; H04N-007/00; H04N-007/16; H04N-007/26; H04N-009/804

File Segment: EPI

15/5/7 **(Item 7 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

011187608 **Image available**
WPI Acc No: 1997-165533/199715
XRPX Acc No: N97-136280

Information recording and reproducing apparatus using magneto- optical disc **etc. - makes recording medium managing information usable even when defective** sector **exists in medium managing information** area **of medium**

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUSHITA DENKI SANGYO KK (MATU)
Inventor: NAKAMURA Y; OKAZAKI Y
Number of Countries: 021 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9707505	A1	19970227	WO 96JP2222	A	19960807	199715	B
TW 315460	A	19970911	TW 96110025	A	19960816	199804	
EP 845780	A1	19980603	EP 96926578	A	19960807	199826	
			WO 96JP2222	A	19960807		
JP 9509135	X	19980922	WO 96JP2222	A	19960807	199848	
			JP 97509135	A	19960807		
CN 1192818	A	19980909	CN 96196067	A	19960807	200040	
US 6223302	B1	20010424	WO 96JP2222	A	19960807	200125	
			US 9811878	A	19980218		

Priority Applications (No Type Date): JP 95210292 A 19950818
Cited Patents: JP 4003368; JP 4103082; JP 61034773
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9707505	A1	J	33	G11B-020/12	
Designated States (National): CN JP US					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
TW 315460	A			G11B-020/10	
EP 845780	A1	E		G11B-020/12	Based on patent WO 9707505
Designated States (Regional): DE FR GB					
JP 9509135	X			G11B-020/12	Based on patent WO 9707505
CN 1192818	A			G11B-020/12	
US 6223302	B1			G06F-011/00	Based on patent WO 9707505

Abstract (Basic): WO 9707505 A

The **identifier** of medium managing information, the information about the position where the medium managing information is recorded which is the information about the position of the **sector** in use, or the information about the position where a defect exists in the medium managing information **area** which is the information about the position of the defective **sector** are read from the medium managing information **area** of the medium (**3**) and all the information is stored in a RAM (8) by a medium managing information position managing device (5).

A reproducing device (1) and a recording device (2) are controlled based on the information.

ADVANTAGE - Medium managing information is correctly recorded and reliability of data of information recording/reproducing device and medium is improved, because medium managing information is not recorded in defective **section** .

Dwg.1/15

Title Terms: INFORMATION; RECORD; REPRODUCE; APPARATUS; MAGNETO; OPTICAL; DISC; RECORD; MEDIUM; MANAGE; INFORMATION; EVEN; DEFECT; **SECTOR** ; EXIST; MEDIUM; MANAGE; INFORMATION; **AREA** ; MEDIUM
Derwent Class: T03; W04
International Patent Class (Main): **G06F-011/00** ; G11B-020/10; G11B-020/12
International Patent Class (Additional): G11B-020/10
File Segment: EPI

15/5/9 **(Item 9 from file: 347)**
DIALOG(R)File 347:JAPIO

06354829 **Image available**
ACCESS CONTROL METHOD, STORAGE DEVICE AND STORAGE MEDIUM

PUB. NO.: 11-296436 [JP 11296436 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(s): YAMAKAWA TERUJI
IMAMURA KIYOMI
APPLICANT(s): FUJITSU LTD
APPL. NO.: 10-095817 [JP 9895817]
FILED: April 08, 1998 (19980408)
INTL CLASS: **G06F-012/14** ; **G06F-009/06** ; G11B-019/04; G11B-020/10

ABSTRACT

PROBLEM TO BE SOLVED: To securely prevent illegal access to data and a program, which are stored in an exchangeable storage medium such as an **optical disk** , by permitting the access of the exchangeable storage medium to a data **area** with the designation of a password and **setting** the inhibition of writing/reading to respective users.

SOLUTION: In a password **setting** operation, a drive device 2 writes an inputted master password, a user password, a user name list and the like into an **area** except the data **area** of an **optical disk** 3 and reports the normal termination of a command to a host device 5. The master password is installed for restricting access to the **optical disk** 3 and the change of the user password is permitted with the designation of the master password. The user password is provided in common for a plurality of users and the access of the **optical disk 3** to the data **area** is permitted with the designation of the password. The inhibition of writing into the data **area** is set for the respective users.

15/5/11 **(Item 11 from file: 347)**
DIALOG(R)File 347:JAPIO

03924419 **Image available**
OPTICAL DISK AND **OPTICAL DISK** RECORDING AND REPRODUCING DEVICE

PUB. NO.: 04-289519 [JP 4289519 A]
PUBLISHED: October 14, 1992 (19921014)
INVENTOR(s): USUI MAKOTO
OKAZAKI YUKINORI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-054493 [JP 9154493]
FILED: March 19, 1991 (19910319)
INTL CLASS: [5] G11B-007/007; **G06F-003/08** ; G11B-007/24; G11B-020/12
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1492, Vol. 17, No. 90, Pg. 115, February 23, 1993 (19930223)

ABSTRACT

PURPOSE: To automatically recognize an execution pass from a determined **sector** position by preliminarily recording the pass name, where an execution type file group exists, in an **area** only for reproducing.

CONSTITUTION: The pass name of the execution type file recorded in a recording/reproducing **sector area 3** is recorded in a **sector area** 4 only for reproducing. An **identifier** indicating that the execution pass name is recorded on this disk is recorded in a disk definition **area** 5. When a partial ROM disk 6 is loaded onto an **optical disk** recording and reproducing device and a host computer 8 accesses the disk 6, a device driver 9 recognizes loading of the disk 6 onto an **optical disk** driver 7 and reads out the **area** 4 of the disk 6 before file access and reports and sets the registered pass name to an OS.

15/5/13 **(Item 13 from file: 347)**
DIALOG(R)File 347:JAPIO

02368376 **Image available**
INFORMATION RECORDING AND REPRODUCING DEVICE

PUB. NO.: 62-285276 [JP 62285276 A]
PUBLISHED: December 11, 1987 (19871211)
INVENTOR(s): KONDO SHINJI
ANDO MAKOTO
IMAI YOSHIHIKO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-128672 [JP 86128672]
FILED: June 03, 1986 (19860603)
INTL CLASS: [4] G11B-020/10; **G06F-003/08** ; G11B-007/007
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R002 (LASERS); R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R125 (CHEMISTRY -- Polycarbonate Resins); R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 707, Vol. 12, No. 175, Pg. 67, May 25, 1988 (19880525)

ABSTRACT

PURPOSE: To allow a user to change/add data to a reproduction only **optical disk** copied by writing a **flag** representing the ineffective data of a front side data **area** into a data identification **flag** part at data recording and recording the data to a rear side data **area** .

CONSTITUTION: In giving a write command and an object **sector** address to a recording/reproduction control **section** 1, an address read **section** 5 drives a front side laser drive 6a to read address information from a **sector identifier section** 13a and gives it to an address comparison **section** 1a, where the information is compared with an object address. With the result of comparison coincident, the recording/reproduction control **section** 1 commands the write of **flag** of a **flag** read/write **section** 4 to drive the front side laser drive 6a thereby writing a **flag** representing ineffective data in the front side data **area** 13c into the identification **flag section** 13b. Then the recording/reproduction control **section** 1 commands the data write to the rear side recording face recording/ reproducing **section** 3 to drive the rear side laser drive 6b thereby writing the data in the rear side data **area** 13d.

```
Set      Items   Description
S1      459316   (DIGITAL OR OPTICAL)(N)(DISC? ? OR DISK?) OR CD OR CDROM OR
              CDS OR DVD?
S2     7380354   REGION? OR AREA? ? OR SECTION? OR SECTOR OR TRACK?
S3      246006   S2(3N)(THIRD OR 3RD OR 3 OR THREE OR TRIPLE? OR TRIAD)
S4      899084   FLAG OR TAG OR FLAGS OR ID OR IDENTIFIER? OR SETTING? OR I-
              NDICATOR?
S5     4198479   PROTECT? OR INACCESS? OR INHIBIT? OR UNREAD? OR ENCRYPT? OR
              BLOCKED OR PREVENT? OR WITHHELD?
S6      325626   S2(2N)(MULTIPL? OR PLURAL? OR SEVERAL? OR ADDITIONAL? OR M-
              ANY OR DIFFERENT? OR VARIOUS?)
S7       58178   S1 AND (S2 OR S6)
S8          66   S3 AND S4 AND S7
S9         124   S1 AND (S3 OR S6) AND S4
S10         13   S9 AND S5
S11         13   S1(5N)(S3 OR S6) AND S4
S12         78   S11 OR S10 OR S8
S13         69   RD (unique items)
S14         47   S13 NOT PY>1998
S15         45   S14 NOT PD=19980922:20010922
S16         45   S15 NOT PD=20010922:20040929
File   8:Ei Compendex(R) 1970-2004/Sep W3
          (c) 2004 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2004/Aug
          (c) 2004 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2004/Sep 09
          (c) 2004 EBSCO Publishing
File  65:Inside Conferences 1993-2004/Sep W4
          (c) 2004 BLDSC all rts. reserv.
File   2:INSPEC 1969-2004/Sep W3
          (c) 2004 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2004/Aug W5
          (c)2004 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/Sep 29
          (c) 2004 The Gale Group
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
          (c) 2003 EBSCO Pub.
File   6:NTIS 1964-2004/Sep W3
          (c) 2004 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2004/Sep W3
          (c) 2004 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Sep W3
          (c) 2004 Inst for Sci Info
File  62:SPIN(R) 1975-2004/Aug W1
          (c) 2004 American Institute of Physics
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
          (c) 2004 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2004/Jun W1
          (c) 2004 FIZ TECHNIK
```

```
Set     Items   Description
S1     141392   (DIGITAL OR OPTICAL)(N)(DISC? ? OR DISK?) OR CD OR CDROM OR
            CDS OR DVD?
S2    1220285   REGION? OR AREA? ? OR SECTION? OR SECTOR OR TRACK?
S3     292519   S2(3N)(THIRD OR 3RD OR 3 OR THREE OR TRIPLE? OR TRIAD)
S4     479929   FLAG OR TAG OR FLAGS OR ID OR IDENTIFIER? OR SETTING? OR I-
            NDICATOR?
S5    1005384   PROTECT? OR INACCESS? OR INHIBIT? OR UNREAD? OR ENCRYPT? OR
            BLOCKED OR PREVENT? OR WITHHELD?
S6     174103   S2(2N)(MULTIPL? OR PLURAL? OR SEVERAL? OR ADDITIONAL? OR M-
            ANY OR DIFFERENT? OR VARIOUS?)
S7      12762   S1 (10N) (S2 OR S6)
S8        135   S3 (10N) S4 (10N) S7
S9          0   S8 AND IC=(G06F-012? OR G06F-011? OR H04L-009?)
S10        13   S8 AND IC=(G06F? OR H04L?)
S11        87   S1(4N)S2(4N)S3(4N)S4
S12        10   S11 AND IC=(G06F? OR H04L?)
S13        15   S10 OR S12
S14       370   S1(S)(S3 OR S6)(10N)S4
S15        33   S14 AND IC=(G06F? OR H04L?)
S16        42   S13 OR S15
S17        17   S16 NOT AD=19980922:20010922
S18        11   S17 NOT AD=20010922:20040928
File 348:EUROPEAN PATENTS 1978-2004/Sep W03
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040923,UT=20040916
         (c) 2004 WIPO/Univentio
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18/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01474709
An optical disk with an optical barcode and reproduction apparatus
Optische Platte mit optischem Strichcode und Wiedergabegerat
Disque optique avec code a barres et appareil de reproduction
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (1855503), 1006, Oaza Kadoma, Kadoma-shi, Osaka 571, (JP), (Proprietor designated states: all)
INVENTOR:
Gotoh,Yoshiho, 5-1-3, Higashinakahama Joutou-ku,Osaka-shi, Osaka 536-0023, (JP)
Koishi, Kenji, 56-8, Keyakidai 3-chome, Sanda-shi, Hyogo-Ken 669-13, (JP)
Oshima, Mitsuaki, 115-3, Minamitatsumi-cho, Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 615, (JP)
Moriya, Mitsuro, 1-29, Hikarigaoka 3-chome, Ikoma-shi, Nara 630-01, (JP)
Tanaka,Shinichi, 1-42-14,Yamatehigashi,Kyotanabe-shi, Kyoto 610-0357, (JP)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1251501 A1 021023 (Basic)
EP 1251501 B1 040908
APPLICATION (CC, No, Date): EP 2002015194 960515;
PRIORITY (CC, No, Date): JP 95261247 951009; JP 968910 960123
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 1028423 (EP 2000109899)
EP 807929 (EP 2096915172)
INTERNATIONAL PATENT CLASS: G11B-020/12; G11B-007/24; G11B-007/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; **G06F-001/00**
ABSTRACT WORD COUNT: 73
NOTE:
Figure number on first page: 30

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
C	(E %) 2		1
CLAIMS B	(English)	200437	195
CLAIMS B	(German)	200437	186
CLAIMS B	(French)	200437	241
SP	(E %) 2		2 Y
SPEC B	(English)	200437	21685
Total word count - document A			411
Total word count - document B			22307
Total word count - documents A + B			22718

...INTERNATIONAL PATENT CLASS: **G06F-001/00**

...CLAIMS whether or not said barcode like mark is present on said optical disk, wherein said **identifier** is provided in a control data **area** (936) of said information recording **area** .
2. An **optical disk** according to claim 1, wherein said barcode like mark is recorded on the information recording **area** .
3 . An **optical disk** reproduction apparatus for use with an **optical disk** on which data is recorded, said apparatus comprising:
reproduction means for reproducing a barcode-like...

18/3,K/2 **(Item 2 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

01044328
Recording and reproduction of data and provision and collection of information
Aufzeichnung und Wiedergabe von Daten sowie Informationsbereitstellung und -sammlung
Enregistrement et reproduction de donnees et provision et collection d'information
PATENT ASSIGNEE:
SONY CORPORATION, (214025), 6-7-35 Kitashinagawa Shinagawa-ku, Tokyo 141, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Sako, Yoichiro, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, (JP)
Kurihara, Akira, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, (JP)
Osawa, Yoshitomo, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, (JP)
Kawashima, Isao, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, (JP)
Owa, Hideo, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141, (JP)
LEGAL REPRESENTATIVE:
DeVile, Jonathan Mark, Dr. et al (91152), D. Young & Co., 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 923076 A1 990616 (Basic)
APPLICATION (CC, No, Date): EP 99200191 960625;
PRIORITY (CC, No, Date): JP 16664495 950630; JP 20608595 950811
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 751516 (EP 963046578)
INTERNATIONAL PATENT CLASS: G11B-020/00; **G06F-001/00**
ABSTRACT WORD COUNT: 104

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9924	1889
SPEC A	(English)	9924	6765
Total word count - document A			8654
Total word count - document B			0
Total word count - documents A + B			8654

...INTERNATIONAL PATENT CLASS: **G06F-001/00**

...SPECIFICATION data. Thus, the security can be improved.
For example, as shown in Fig. 3, the **optical disk** D has a central opening 102 in the central portion thereof. Moreover, in a direction from the inner portion of the **optical disk** D toward the outer periphery of the same, there are formed a lead-in region...

...out region 105 serving as a data end region. In the case where the encoder **ID** is recorded on a predetermined **region different** from the **region** in which data is recorded, the encoder **ID** is recorded on a region, for example, the lead-in region 103, except the data...

18/3,K/4 **(Item 4 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00853936
OPTICAL DISK PROVIDED WITH BAR CODE
OPTISCHE PLATTE MIT STRICHKODE
DISQUE OPTIQUE AVEC CODE BARRES
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka-fu 571-8501, (JP), (Proprietor designated states: all)
INVENTOR:
GOTOH, Yoshiho Room 201 9-17, Higashinakahama, 4-chome Jyoto-ku Osaka-shi, Osaka 536, (JP)
OSHIMA, Mitsuaki 115-3, Minamitatsumi-cho, Katsura Nishikyo-ku Kyoto-shi, Kyoto 651, (JP)
TANAKA, Shinichi C-403, Rose Mansion, 10-1, Fukakusa Hotta-cho Fushimi-ku Kyoto-shi, Kyoto 612, (JP)
KOISHI, Kenji, 56-8, Keyakidai 3-chome Sanda-shi, Hyogo 669-13, (JP)
MORIYA, Mitsuro, 1-29, Hikarigaoka 3-chome Ikoma-shi, Nara 630-01, (JP)
LEGAL REPRESENTATIVE:
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 807929 A1 971119 (Basic)
EP 807929 A1 971210
EP 807929 B1 010228
WO 9714146 970417
APPLICATION (CC, No, Date): EP 96915172 960515; WO 96JP1303 960515
PRIORITY (CC, No, Date): JP 95261247 951009; JP 968910 960123
DESIGNATED STATES: DE; FR; GB
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 1005033 (EP 101774)
EP 1005034 (EP 101775)
EP 1003162 (EP 103257)
EP 1005035 (EP 104818)
EP 1006516 (EP 105014)
EP 1006517 (EP 106447)
EP 1028422 (EP 109898)
EP 1028423 (EP 109899)
EP 1030297 (EP 110461)
EP 1031974 (EP 112310)
INTERNATIONAL PATENT CLASS: G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10; G11B-020/00; **G06F-001/00**
ABSTRACT WORD COUNT: 73
NOTE:
Figure number on first page: 30

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199711W2	1907
CLAIMS B	(English)	200109	222
CLAIMS B	(German)	200109	225
CLAIMS B	(French)	200109	267
SPEC A	(English)	199711W2	24003
SPEC B	(English)	200109	2838
Total word count - document A			25916
Total word count - document B			3552
Total word count - documents A + B			29468

...INTERNATIONAL PATENT CLASS: **G06F-001/00**

...SPECIFICATION barcode is written in overwriting fashion by selectively removing a reflective film in said prescribed **region** .
The second invention is an **optical disk** according to the first invention, wherein a control data **area** is provided for holding therein physical feature information concerning said **optical disk** , and an

identifier for indicating the presence or absence of said barcode is recorded in said control data **area** .

The **third** invention is an **optical disk** according to the second invention, wherein a guard-band **area** where no data is recorded is provided between said control data area and said prescribed...

...CLAIMS barcode is written in overwriting fashion by selectively removing a reflective film in said prescribed **region** .

2. An **optical disk** according to claim 1, wherein a control data **area** is provided for holding therein physical feature information concerning said **optical disk** , and an **identifier** for indicating the presence or absence of said barcode is recorded in said control data **area** .

3 . An **optical disk** according to claim 2, wherein a guard-band **area** where no data is recorded is provided between said control data area and said prescribed...

18/3,K/6 **(Item 6 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00711606
Start code detector for image sequences
Detektor fur den Startcode von Bildsequenzen
Detecteur de code de depart pour sequences d'images
PATENT ASSIGNEE:
DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (Proprietor designated states: all)
INVENTOR:
Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol BS16 1NA, (GB)
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire GL11 6BD, (GB)
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire GL11 5PE, (GB)
Finch, Helen Rosemary, Tyley, Coombe, Wotton-Under-Edge, Gloucester. GL12 7ND, (GB)
Boyd, Kevin James, 21 Lancashire Road, Bristol BS7 9DL, (GB)
LEGAL REPRESENTATIVE:
Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20, rue Louis Chirpaz, 69131 Ecully Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 674443 A2 950927 (Basic)
EP 674443 A3 951213
EP 674443 A3 981223
EP 674443 B1 010509
APPLICATION (CC, No, Date): EP 95301301 950228;
PRIORITY (CC, No, Date): GB 9405914 940324
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 891089 (EP 98202149)
(EP 98202154)
EP 884910 (EP 98202132)
EP 891088 (EP 98202133)
EP 897244 (EP 98202134)
EP 901286 (EP 98202135)
EP 901287 (EP 98202166)
EP 896473 (EP 98202170)
EP 896474 (EP 98202171)
EP 896476 (EP 98202174)
EP 896475 (EP 98202172)
INTERNATIONAL PATENT CLASS: H04N-007/24; **G06F-013/00** ; **G06F-009/38**
ABSTRACT WORD COUNT: 102
NOTE:
Figure number on first page: 61

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2897
CLAIMS B	(English)	200119	647
CLAIMS B	(German)	200119	609
CLAIMS B	(French)	200119	752
SPEC A	(English)	EPAB95	128616
SPEC B	(English)	200119	122384
Total word count - document A			131543
Total word count - document B			124392
Total word count - documents A + B			255935

...INTERNATIONAL PATENT CLASS: **G06F-013/00** ...

... **G06F-009/38**

...SPECIFICATION user activation of fast forward or reverse from a controllable data source such as an **optical disc** or video disc. In general, a search mode is convenient when the user interrupts the...more

detailed description for a multi-standard video decoder chip-set. It is divided into **three** main **sections** : A, B and C.

Again, for purposes of organization, clarity and convenience of explanation, this...

18/3,K/7 **(Item 7 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

00666472
Interchangeable recording medium and method of controlling same
Auswechselbares Aufzeichnungsmedium und Methode zum Steuern desselben
Support d'enregistrement interchangeable et methode de controle de celui-ci
PATENT ASSIGNEE:
FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP), (Proprietor designated states: all)
INVENTOR:
Nakashima, Kazuo, c/o FUJITSU LIMITED, 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)
Utsumi, Kenichi, c/o FUJITSU LIMITED, 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)
LEGAL REPRESENTATIVE:
Seeger, Wolfgang, Dipl.-Phys. (11006), Georg-Hager-Strasse 40, 81369 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 640960 A2 950301 (Basic)
EP 640960 A3 951227
EP 640960 B1 010808
APPLICATION (CC, No, Date): EP 94105914 940415;
PRIORITY (CC, No, Date): JP 93211296 930826
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G11B-007/00; G11B-007/007; **G06F-003/06** ; G11B-020/12
ABSTRACT WORD COUNT: 168
NOTE:
Figure number on first page: 1A

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	506
CLAIMS B	(English)	200132	660
CLAIMS B	(German)	200132	666
CLAIMS B	(French)	200132	764
SPEC A	(English)	EPAB95	9554
SPEC B	(English)	200132	9453
Total word count - document A			10062
Total word count - document B			11543
Total word count - documents A + B			21605

...INTERNATIONAL PATENT CLASS: **G06F-003/06**

...SPECIFICATION 1) == 11(sub(1n)) are 1 a starting sector of a section, 2 the end **sector** of the **section** , **3** the **sector** count of the **section** , 4 the format (e.g., DOS, UNIX, **CD** -ROM logical format, etc.) within the **section** , and 5 a write-protect **flag** indicating whether rewriting is forbidden or not. Further, as will be set forth later, a...

...SPECIFICATION 1111)) - 111n)) are 1(circle) a starting sector of a section, 2(circle) the end **sector** of the **section** , **3** (circle) the **sector** count of the **section** , 4(circle) the format (e.g., DOS**Registered Trademark) , UNIX*) , **CD** -ROM logical format, etc.) within the **section** , and 5(circle) a write-protect **flag** indicating whether rewriting is forbidden or not. Further, as will be set forth later, a...

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, September 29, 2004

Hide?	Set Name	Query	Hit Count
		DB=USPT; PLUR=YES; OP=OR	
☐	L5	1998	16
☐	L4	l3 and (subcode or identifier or id or flag or indicator) with (sector or area or region or section or track) with (inhibit$3 or permi$4 or prohibit$5)	33
☐	L3	L2 or l1	996
☐	L2	369/47.12,53.21,84.ccls.	573
☐	L1	713/193.ccls.	430

END OF SEARCH HISTORY